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Appl. No. 10/576,672
Amdt. Dated March 12, 2009
Reply to Office Action of November 13, 2008

Amendments to the Claims:

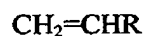
This listing will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): A damper, which comprises a vibration body, a mass member and an elastic body through which the mass member is joined to the vibration body, wherein the elastic body is formed from a cross-linking product of an EPDM composition, which comprises

(a) 100 parts by weight of at least one kind of EPDM, whose propylene content in sum total of ethylene and propylene in the copolymerization rubber is 35-50 wt.% and whose Mooney viscosity (ML100) is not less than 40,

(b) 5-50 parts by weight of α -olefin oligomer, which is a polymer of α -olefin represented by the following general formula:



, where R is an alkyl group having ~~3-12~~ 6-10 carbon atoms, with a number average molecular weight M_n of 300-1,400, and

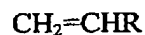
(c) 1-10 parts by weight of an organic peroxide cross-linking agent.

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Claim 2 (Currently amended): A damper, which comprises a vibration body, a mass member and an elastic body through which the mass member is joined to the vibration body, wherein the elastic body is formed from a cross-linking product of a blend rubber of

(a) at least one kind of EPDM and EPM, whose propylene content in sum total of ethylene and propylene in the blend rubber is 35-50 wt.% and whose Mooney viscosity (ML100) is not less than 40,

(b) 5-50 parts by weight of α -olefin oligomer, which is a polymer of α -olefin represented by the following general formula:



, where R is an alkyl group having ~~3-12~~ 6-10 carbon atoms, with a number average molecular weight M_n of 300-1,400, and

(c) 1-10 parts by weight of an organic peroxide cross-linking agent.

Claim 3 (Previously presented): A damper according to Claim 1, which comprises a hub fixed to a shaft end of a crankshaft, an annular vibration ring provided at a periphery of the hub and the elastic body through which the annular vibration ring is joined to the hub.

Claim 4 (Previously presented): A damper according to Claim 2, which comprises a hub fixed to a shaft end of a crankshaft, an annular vibration ring provided at a periphery of the hub and the elastic body through which the annular vibration ring is joined to the hub.

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Claim 5 (Previously presented): A damper according to Claim 1, which is fixed to one shaft end of a crankshaft with a flywheel fixed at the other shaft end of the crankshaft.

Claim 6 (Previously presented): A damper according to Claim 2, which is fixed to one shaft end of a crankshaft with a flywheel fixed at the other shaft end of the crankshaft.